

Figure 1: Metered Injection Pumping System for adding resid fuels

PISTON CYCLE

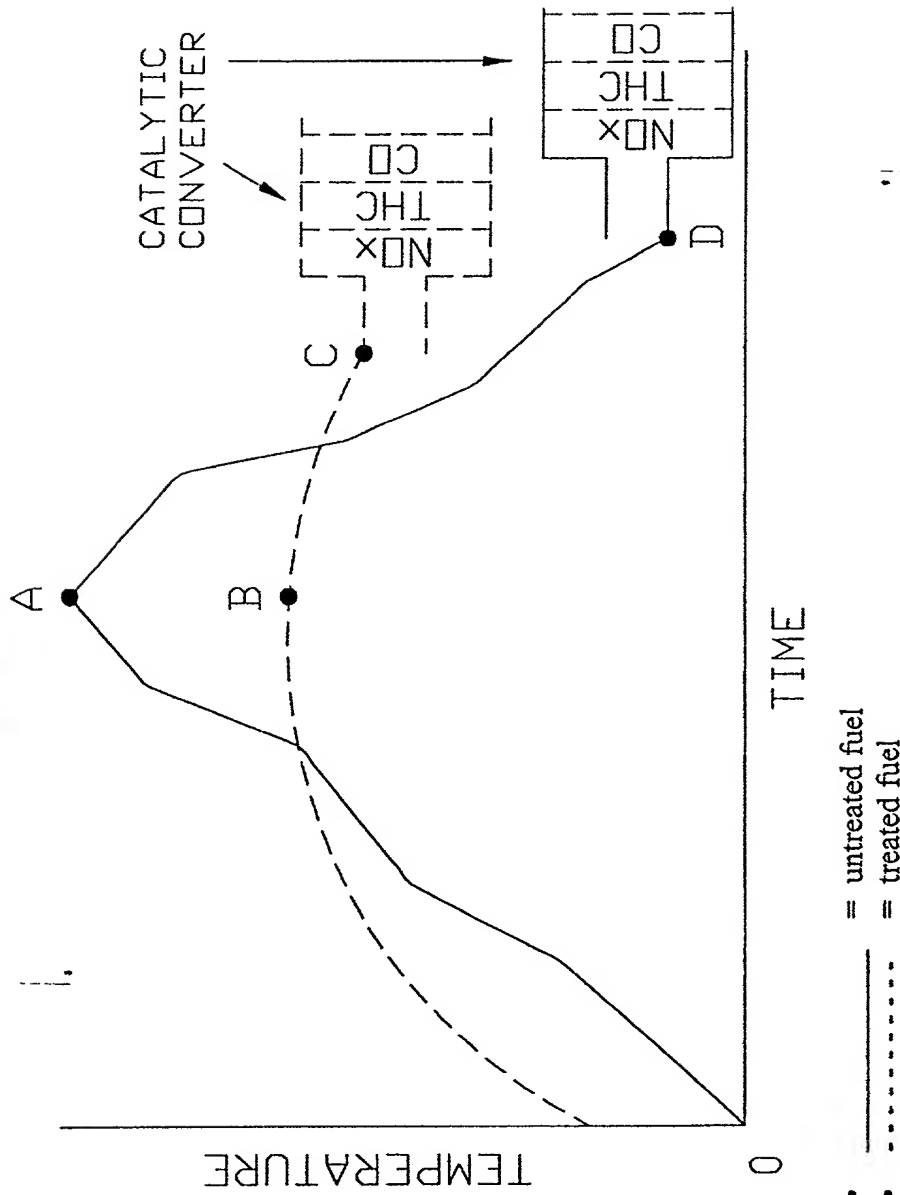


Figure 2: Hypothetical temperature versus time curve for the piston cycle of a gasoline-powered engine operating on untreated fuel and fuel treated with the OR-1 additive

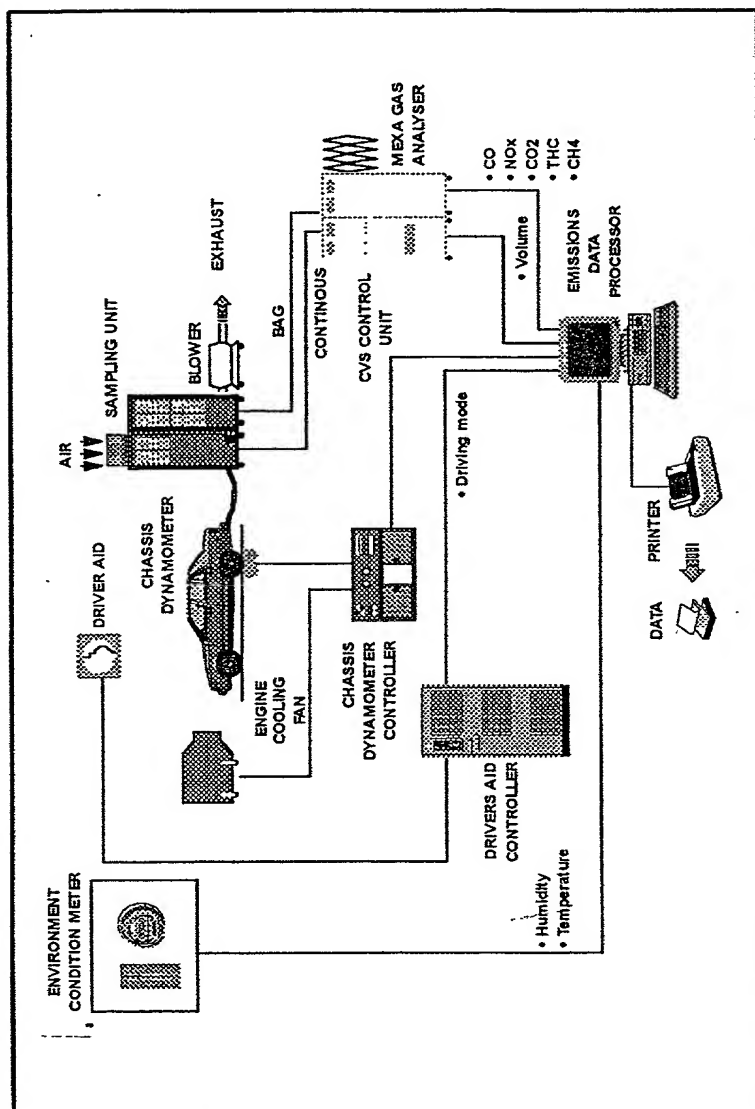


Figure 3: Schematic illustrating the layout of the Vehicle Emissions Testing Laboratory located in Section 27, Selangor Darul Ehsan, Shah Alam, Malaysia

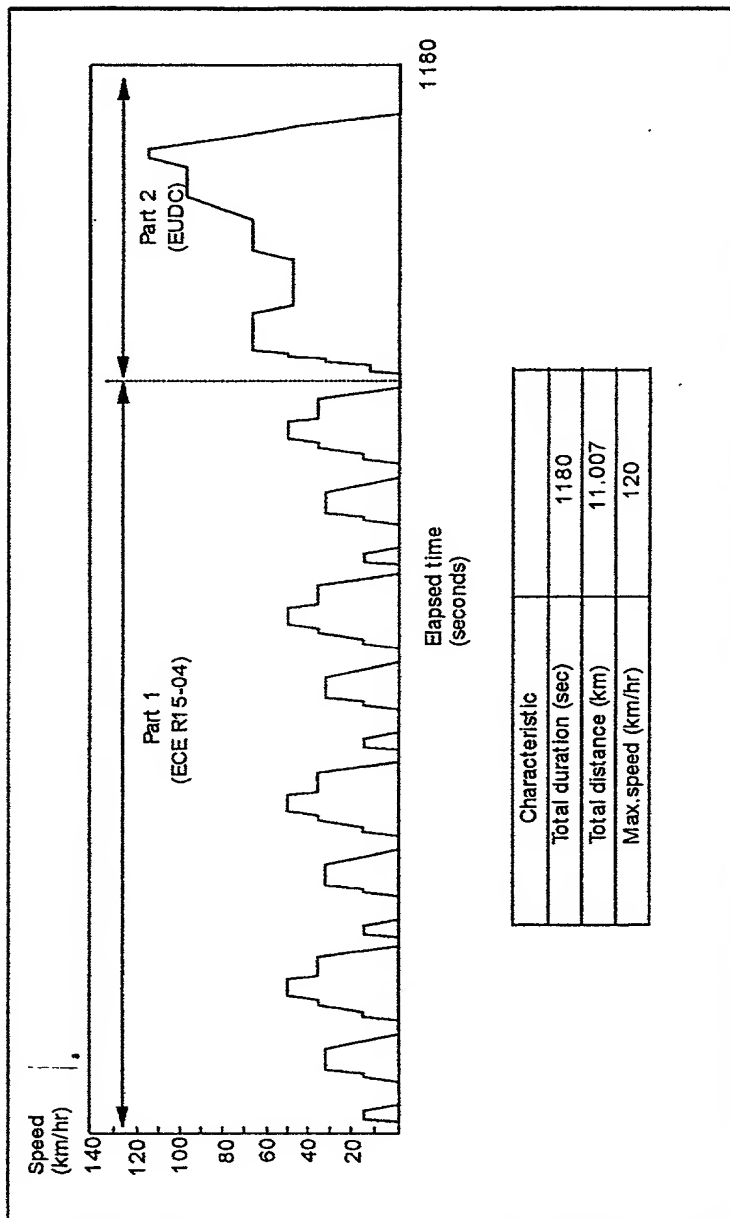


Figure 4: Diagram illustrating the European Emissions Standard ECE R15-04 plus EUDC Emissions Test Cycle

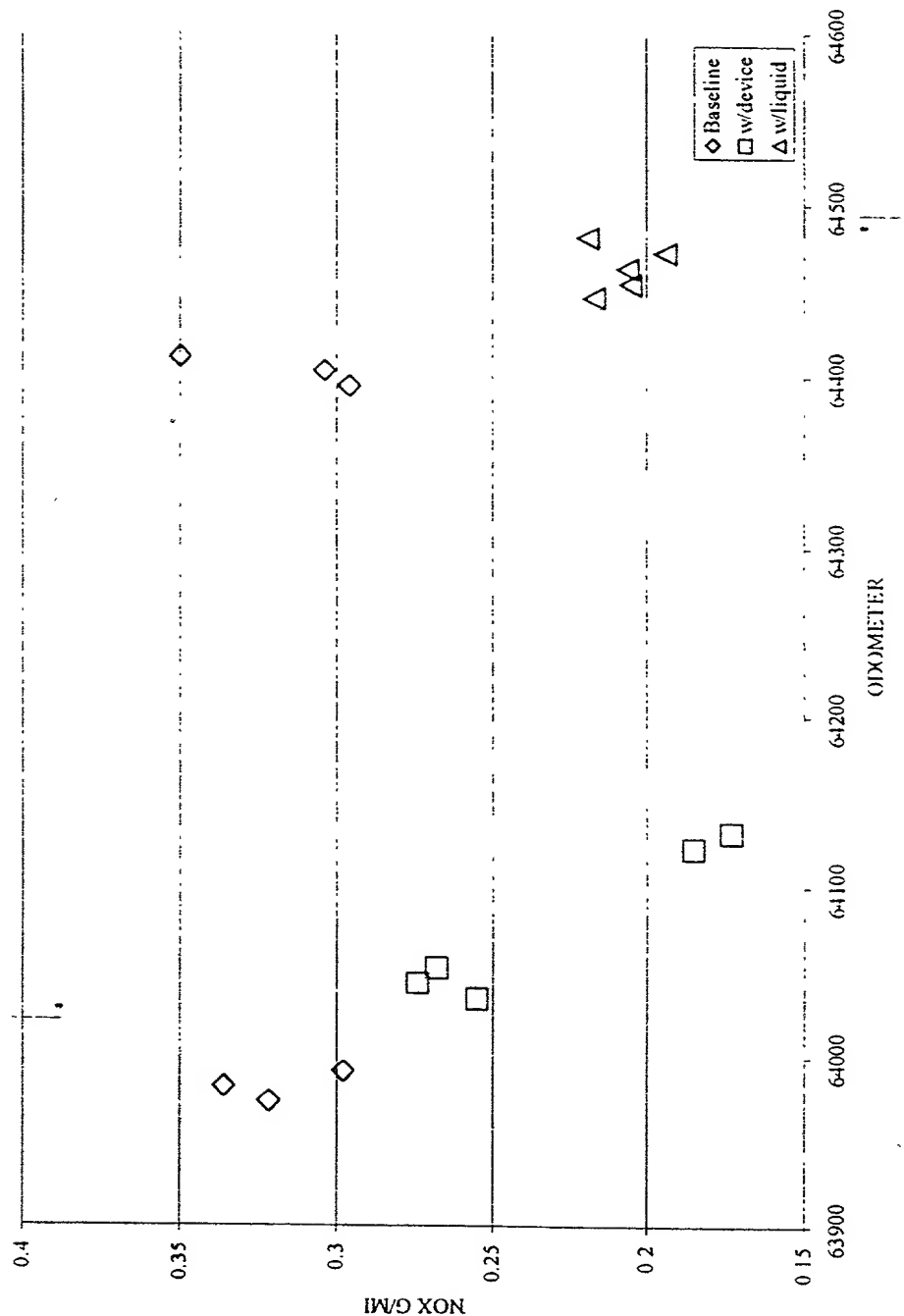


Figure 5: NO<sub>x</sub> emissions as a function of odometer miles for a Ford Taurus

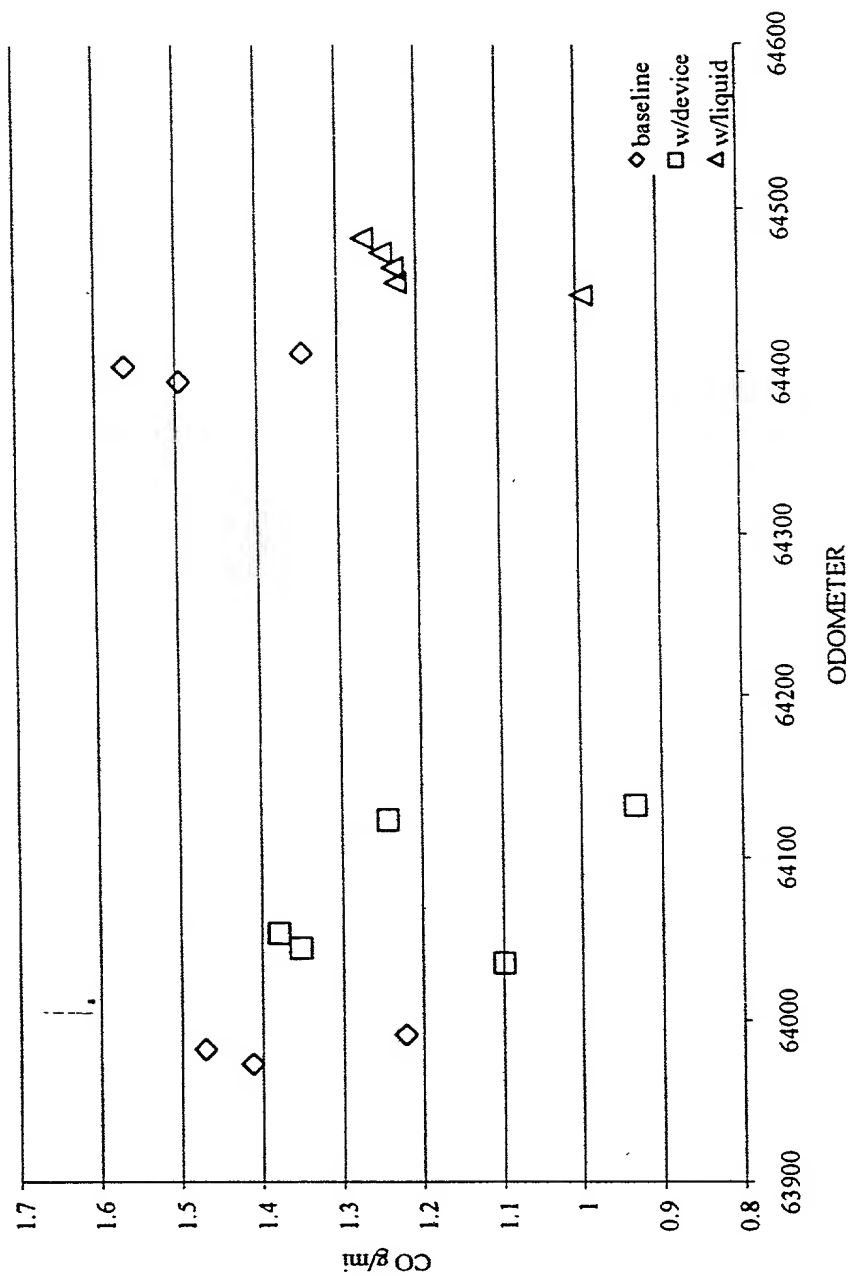


Figure 6: CO emissions as a function of odometer miles for a Ford Taurus

2003-2004-2005

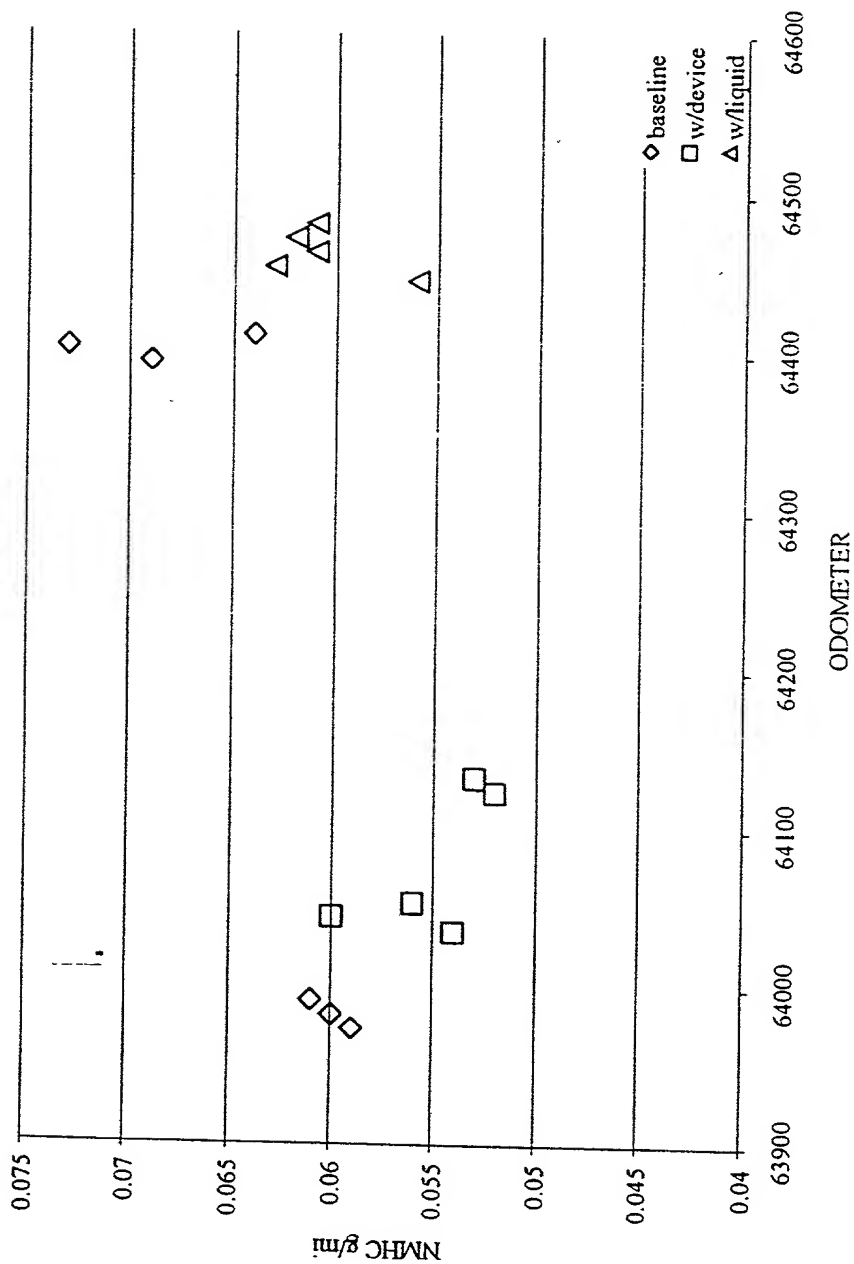


Figure 7: NMHC emissions as a function of odometer miles for a Ford Taurus

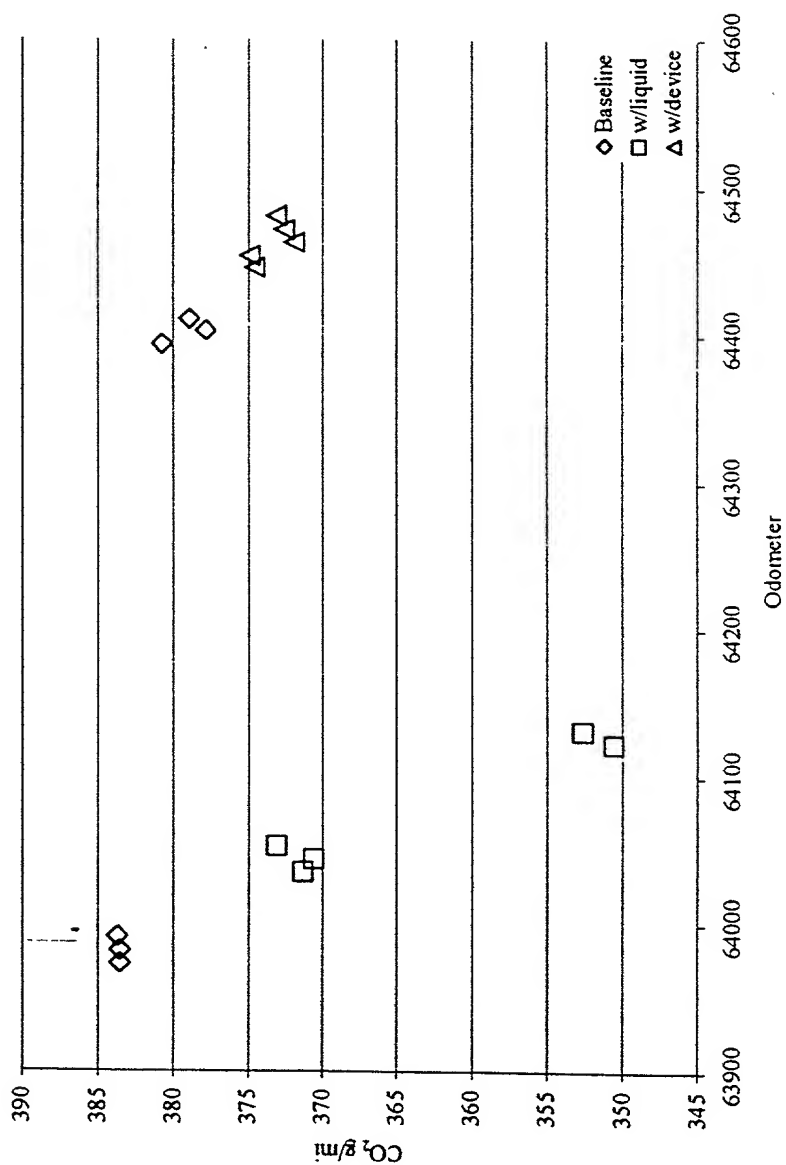


Figure 8: CO<sub>2</sub> emissions as a function of odometer miles for a Ford Taurus



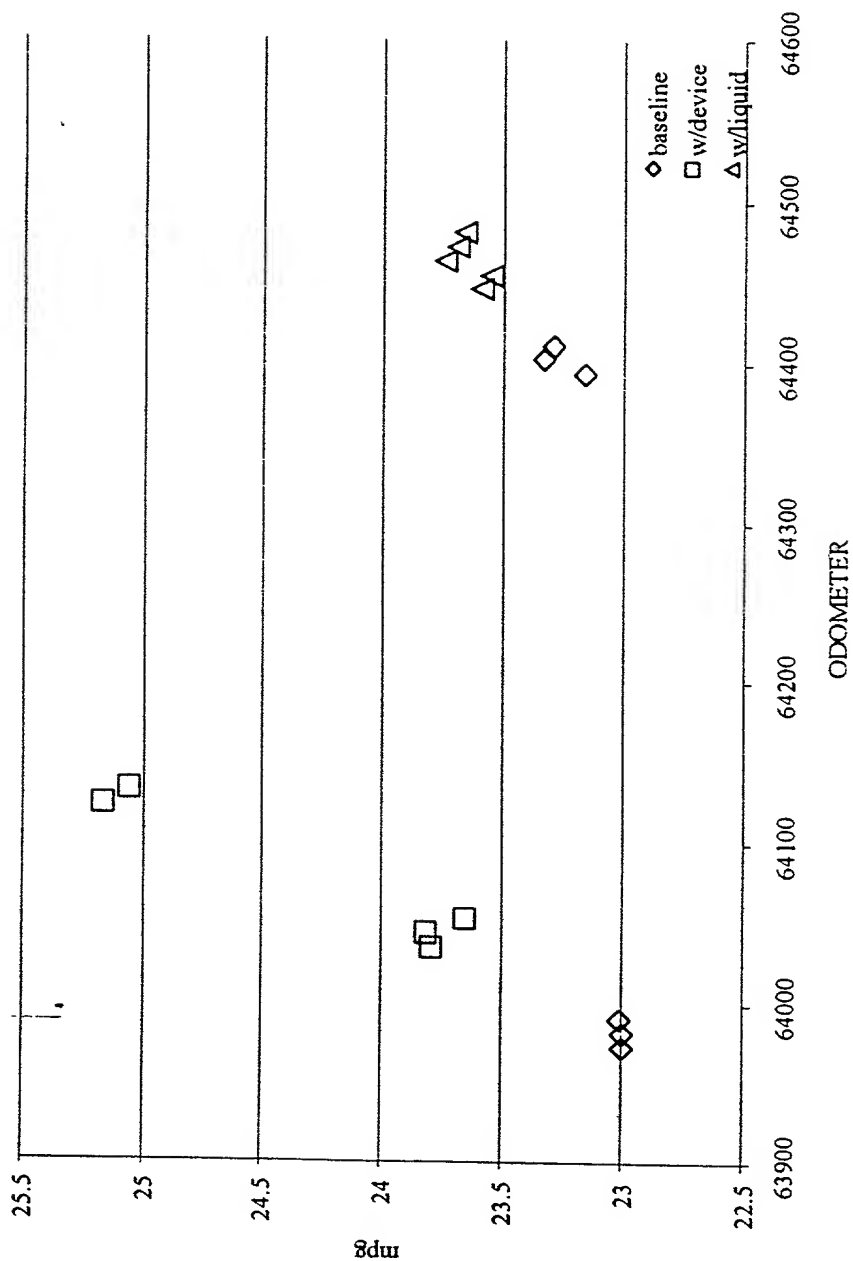


Figure 9: MPG fuel economy as a function of odometer miles for a Ford Taurus

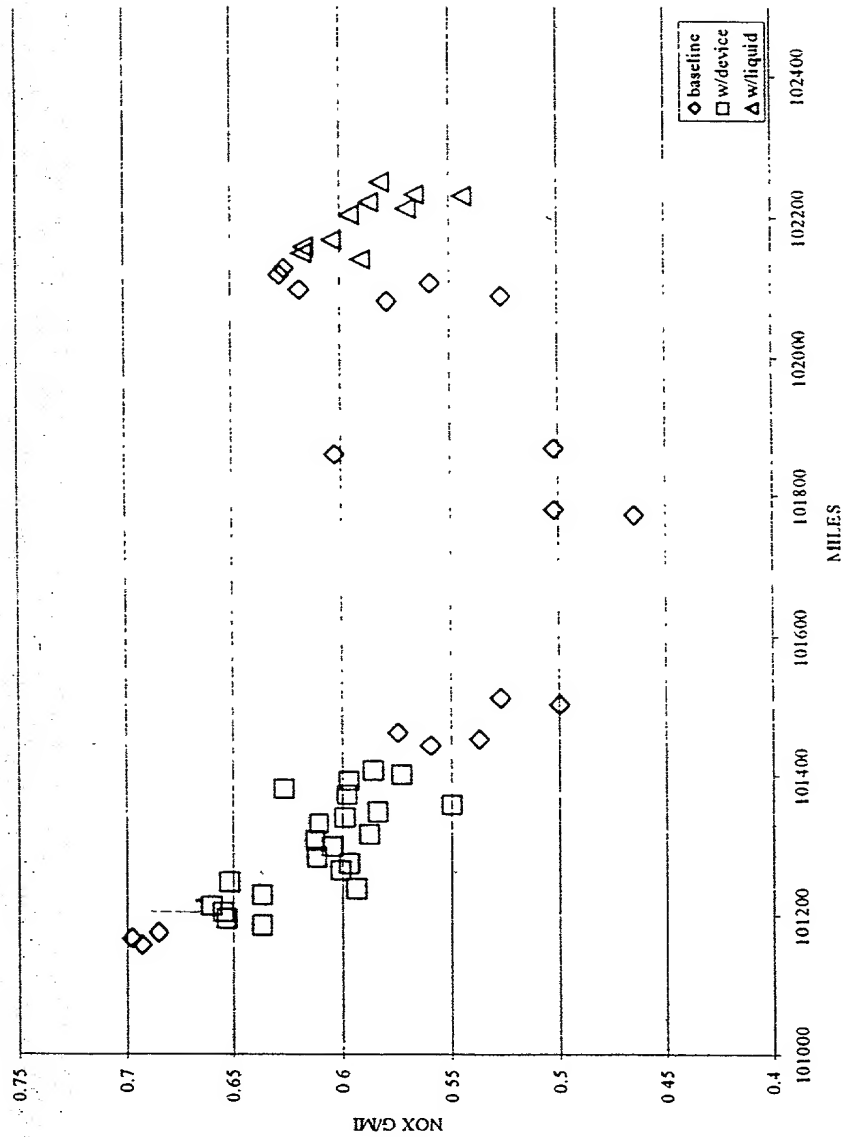


Figure 10: NO<sub>x</sub> emissions as a function of odometer miles for a Honda Accord

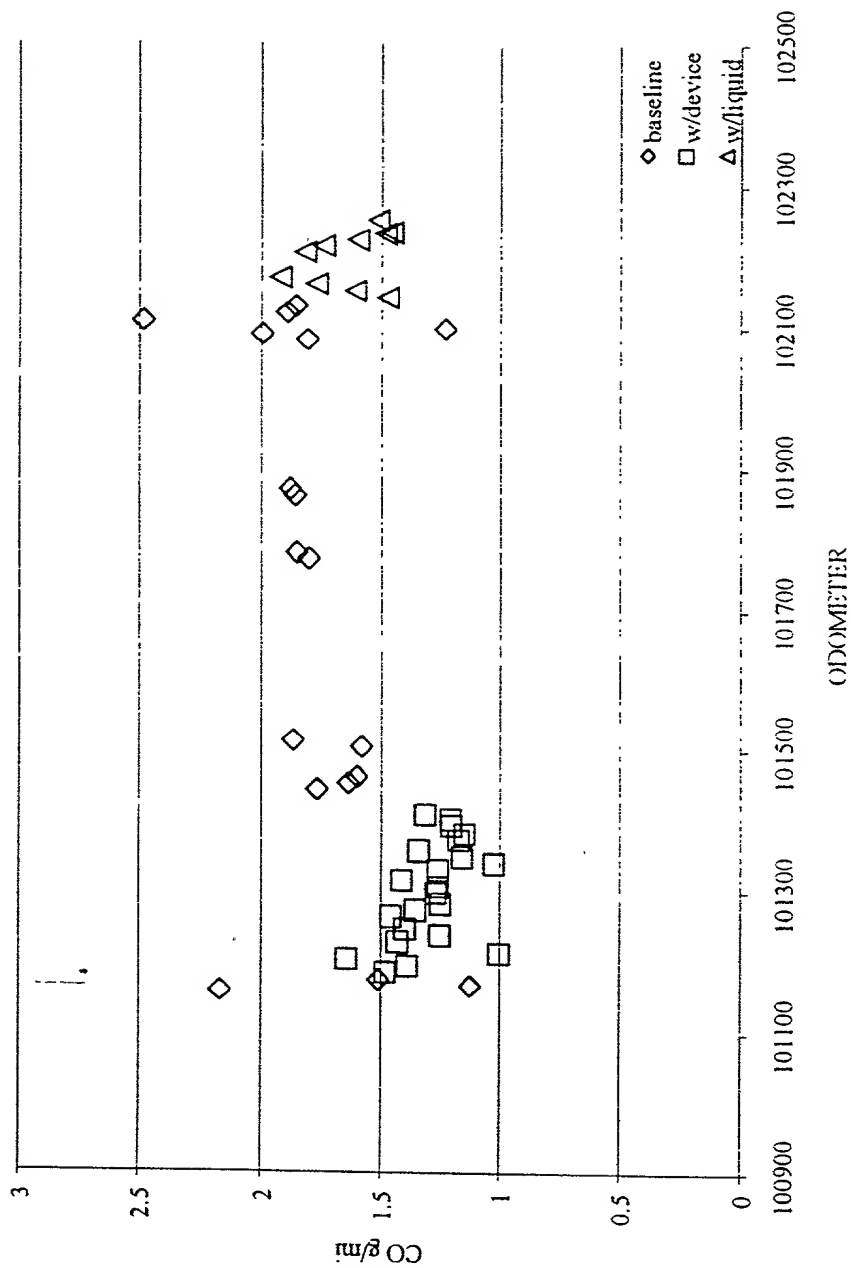


Figure 11: CO emissions as a function of odometer miles for a Honda Accord

20030-00000

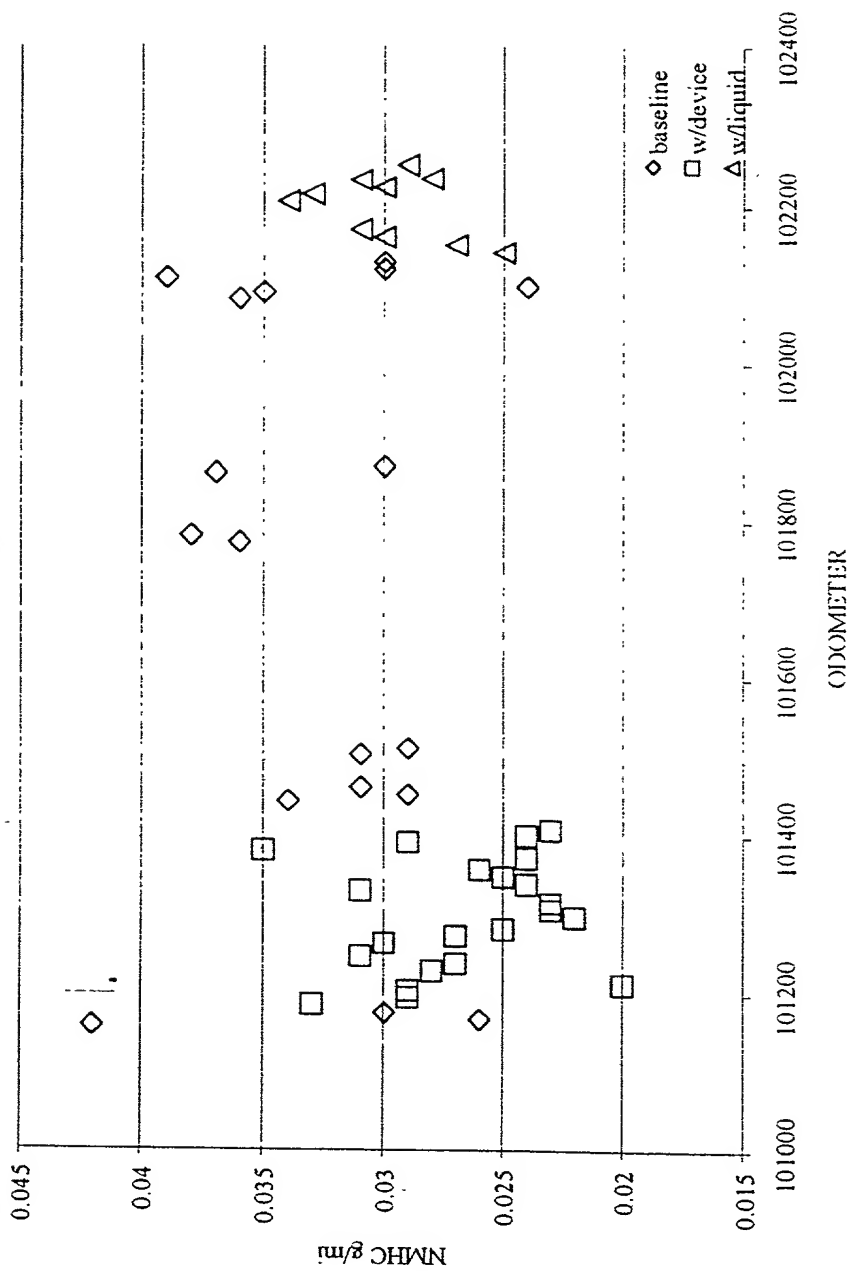


Figure 12: NMHC emissions as a function of odometer miles for a Honda Accord

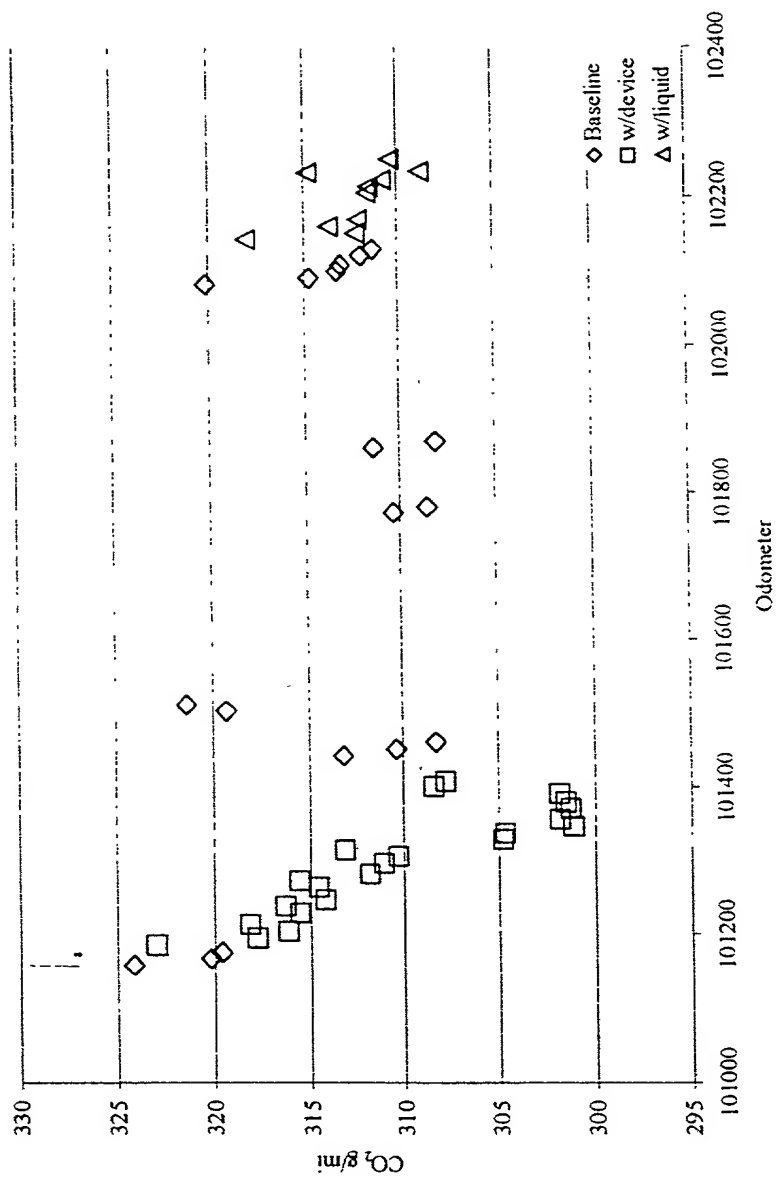


Figure 13: CO<sub>2</sub> emissions as a function of odometer miles for a Honda Accord

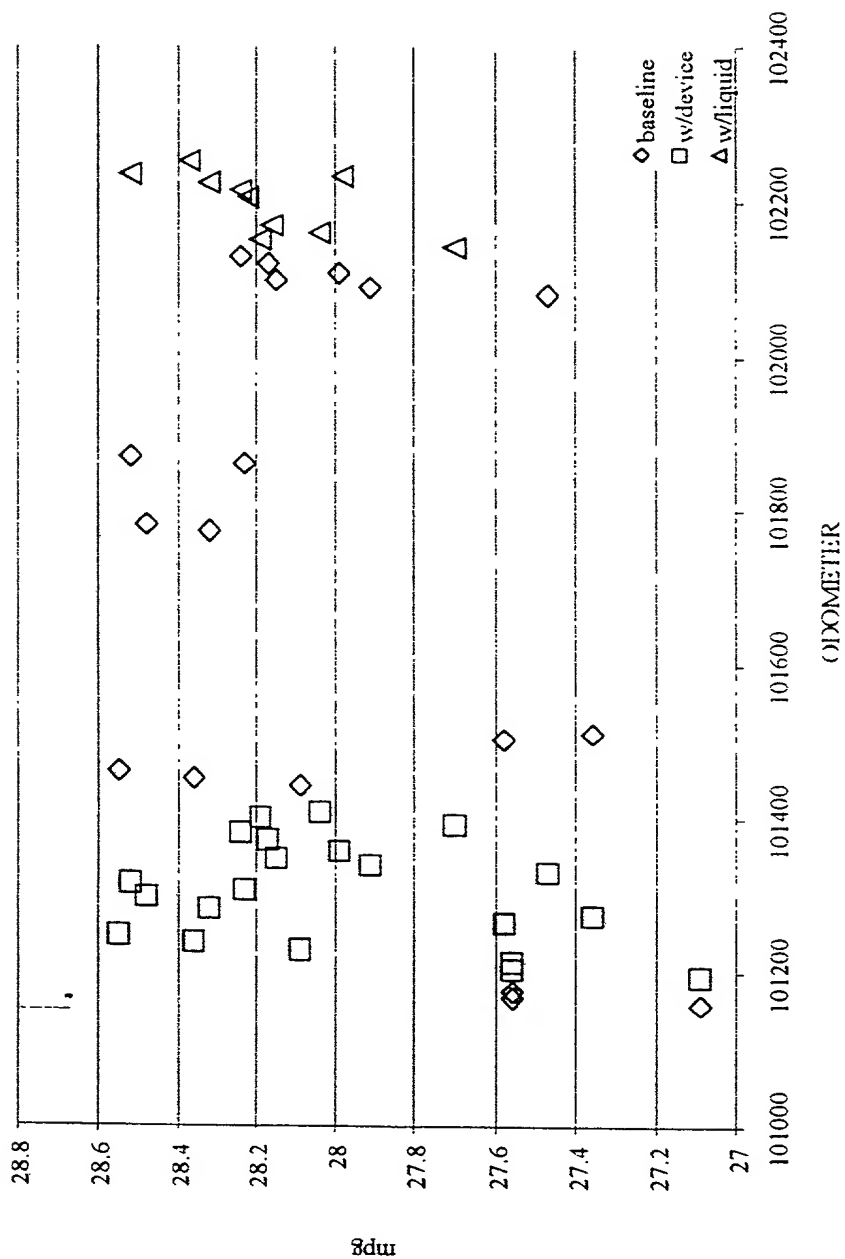


Figure 14: MPG fuel economy as a function of odometer miles for a Honda Accord

2000-09-01

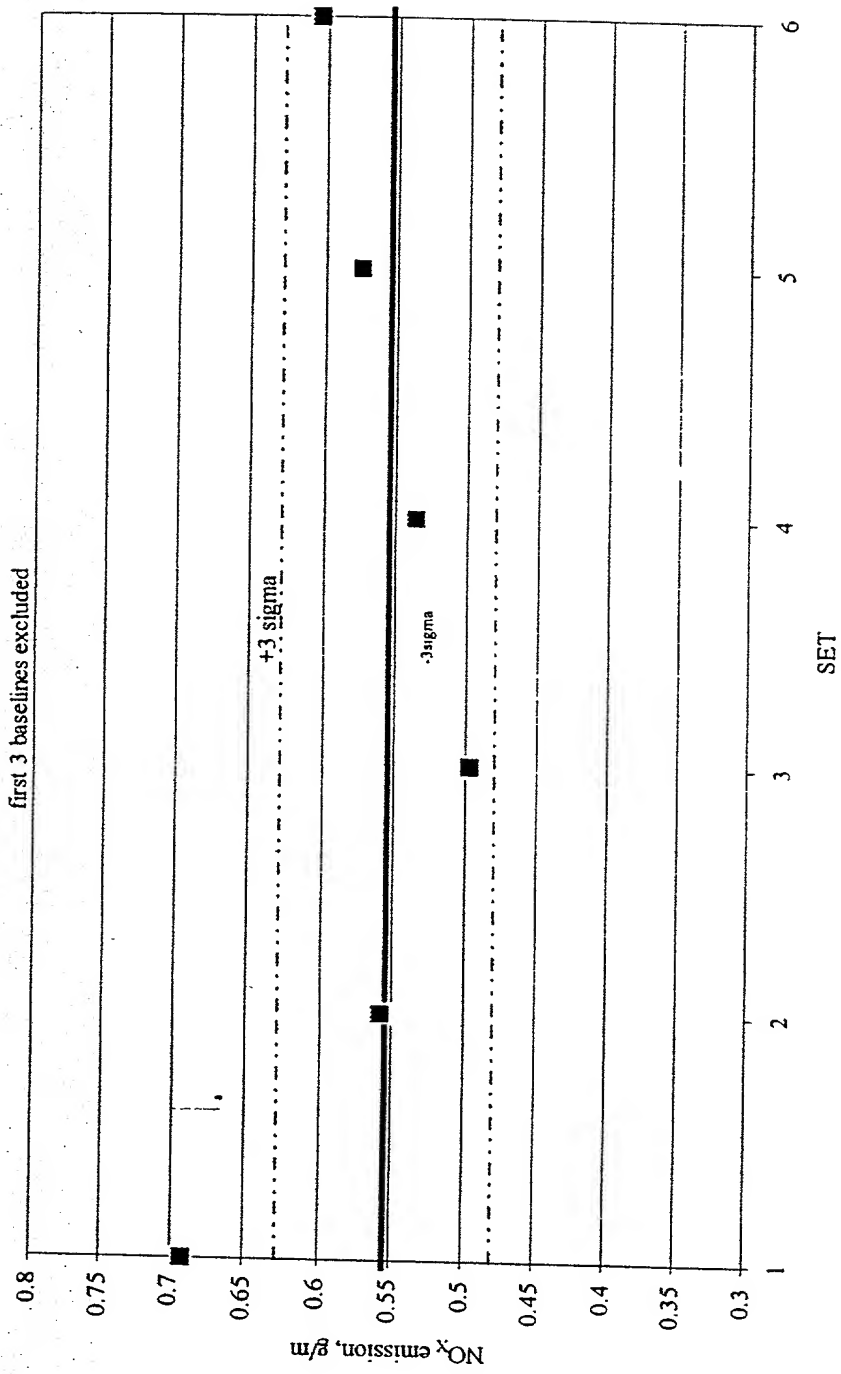


Figure 15: Shewhart Control Plot for NO<sub>x</sub> in the Honda Accord with the first three baselines excluded

CO emission, g/mi

SET

+3 sigma

-3 sigma

mean

SET	CO emission, g/mi
1	1.6
2	1.7
3	1.7
4	1.9
5	1.7
6	2.0

Figure 16: Shewhart Control Plot for CO in the Honda Accord with the first three baselines excluded



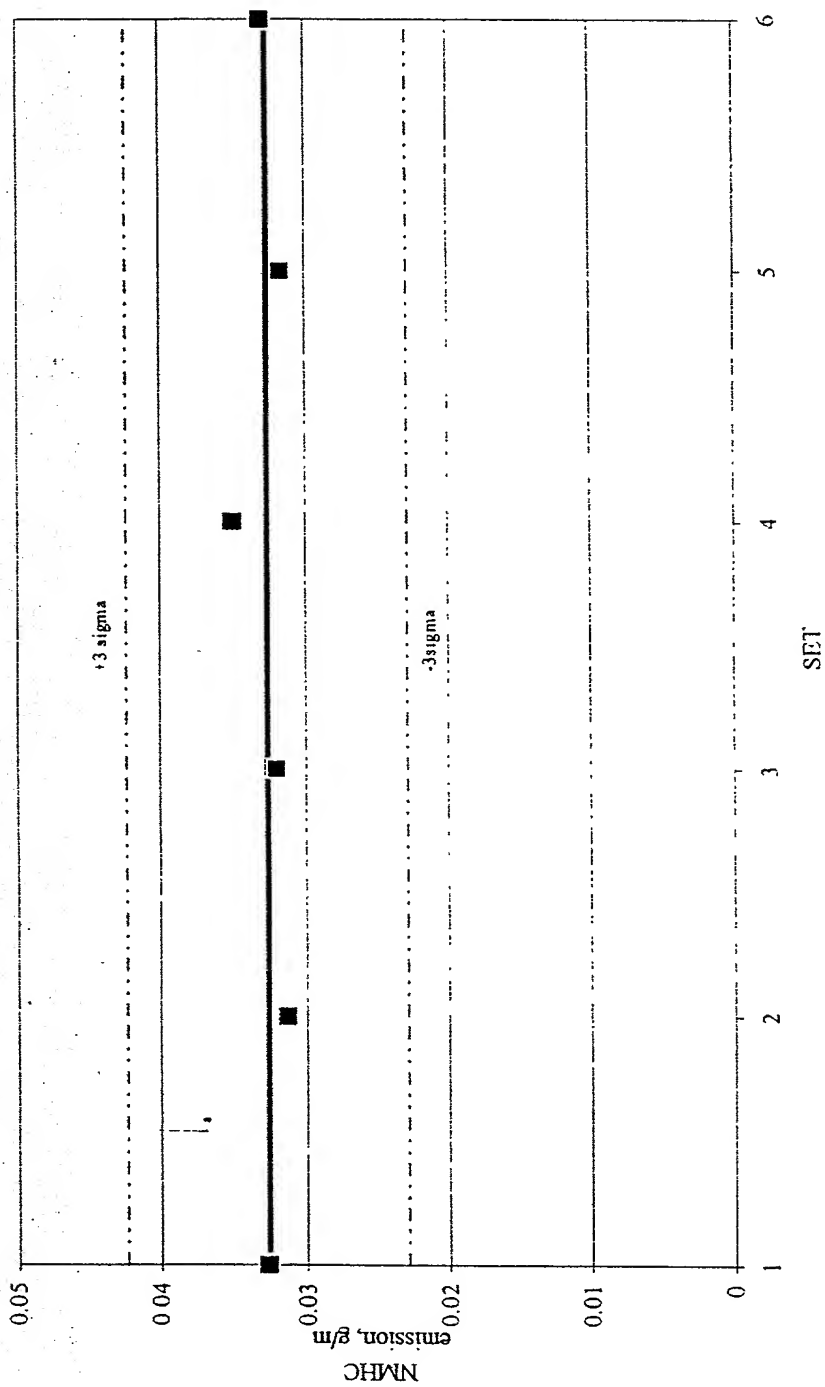


Figure 17: Shewhart Control Plot for NMHC in the Honda Accord with the first three baselines excluded

# HONDA

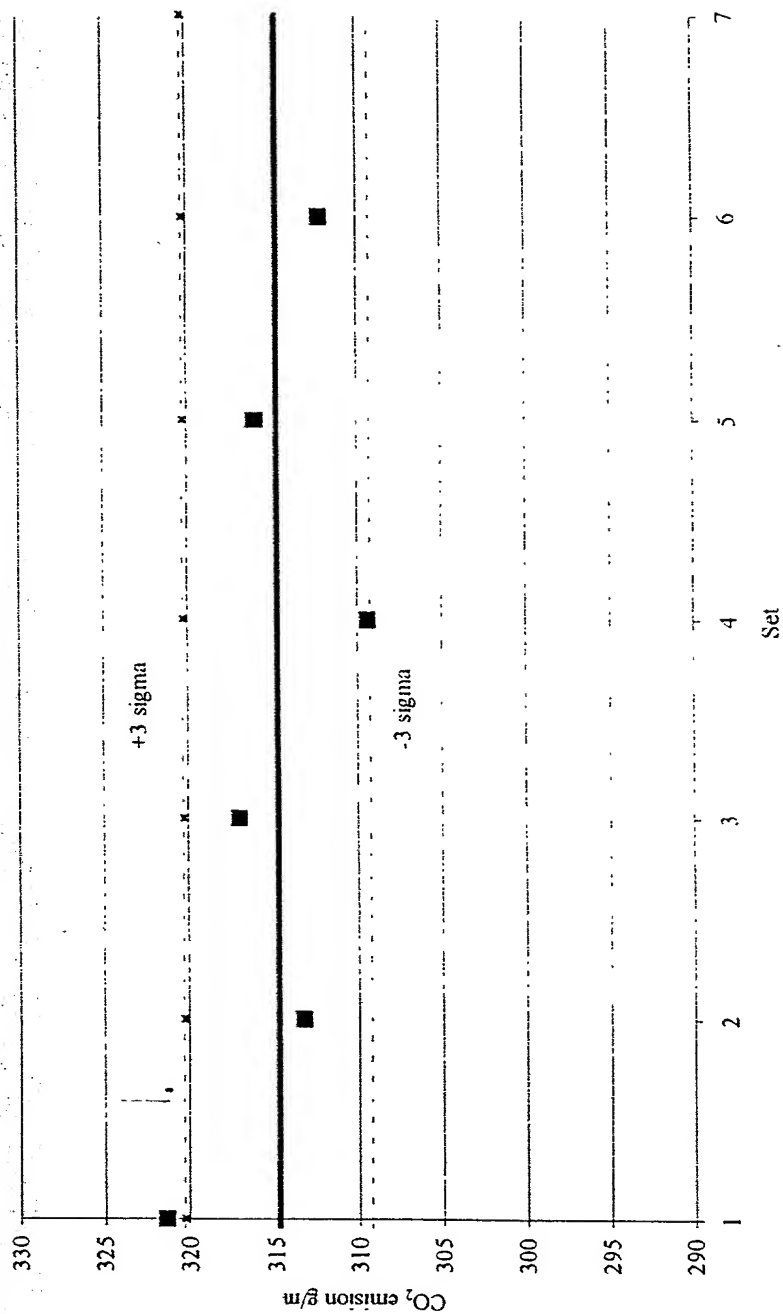


Figure 18: Shewhart Control Plot for CO<sub>2</sub> in the Honda Accord with the first three baselines excluded

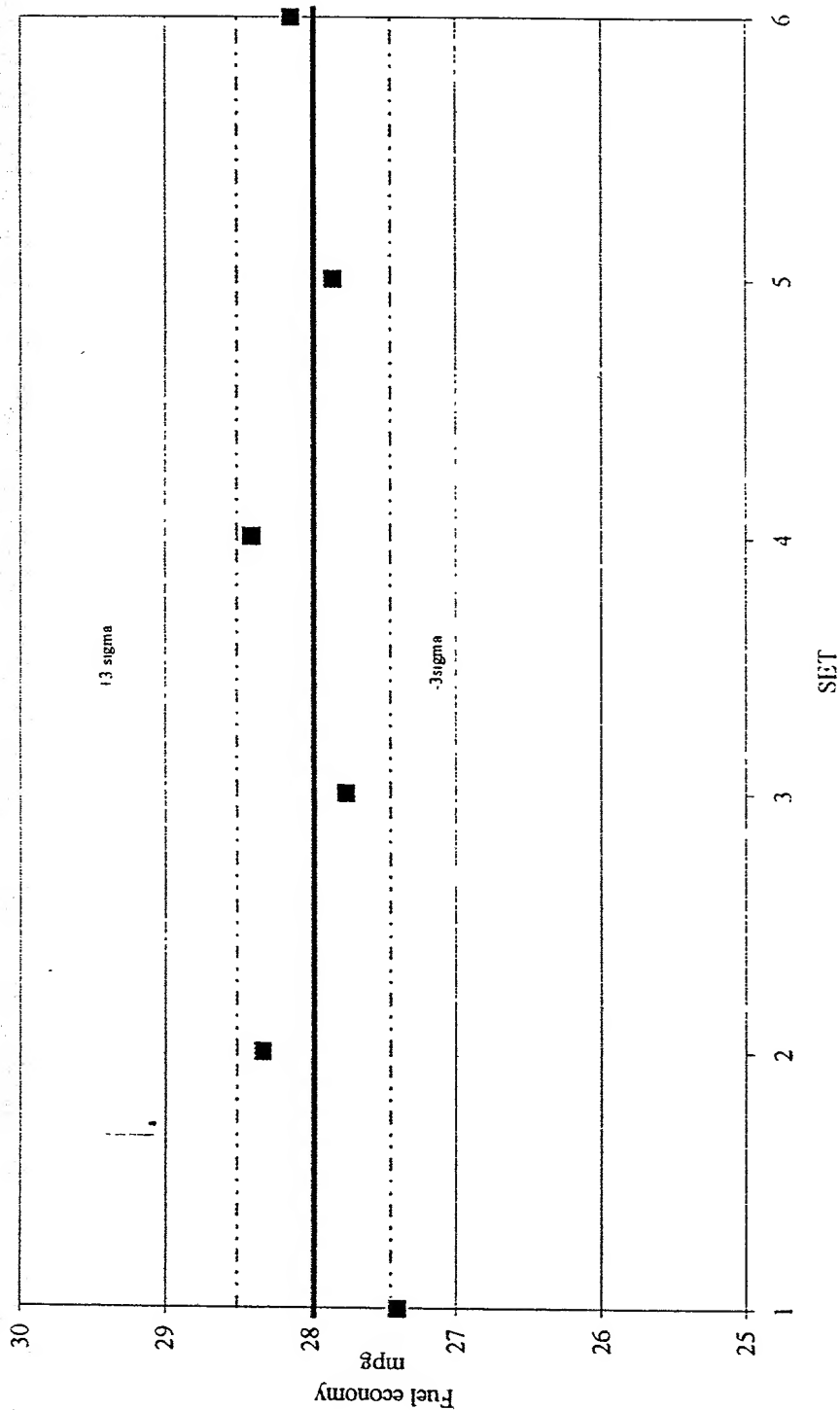
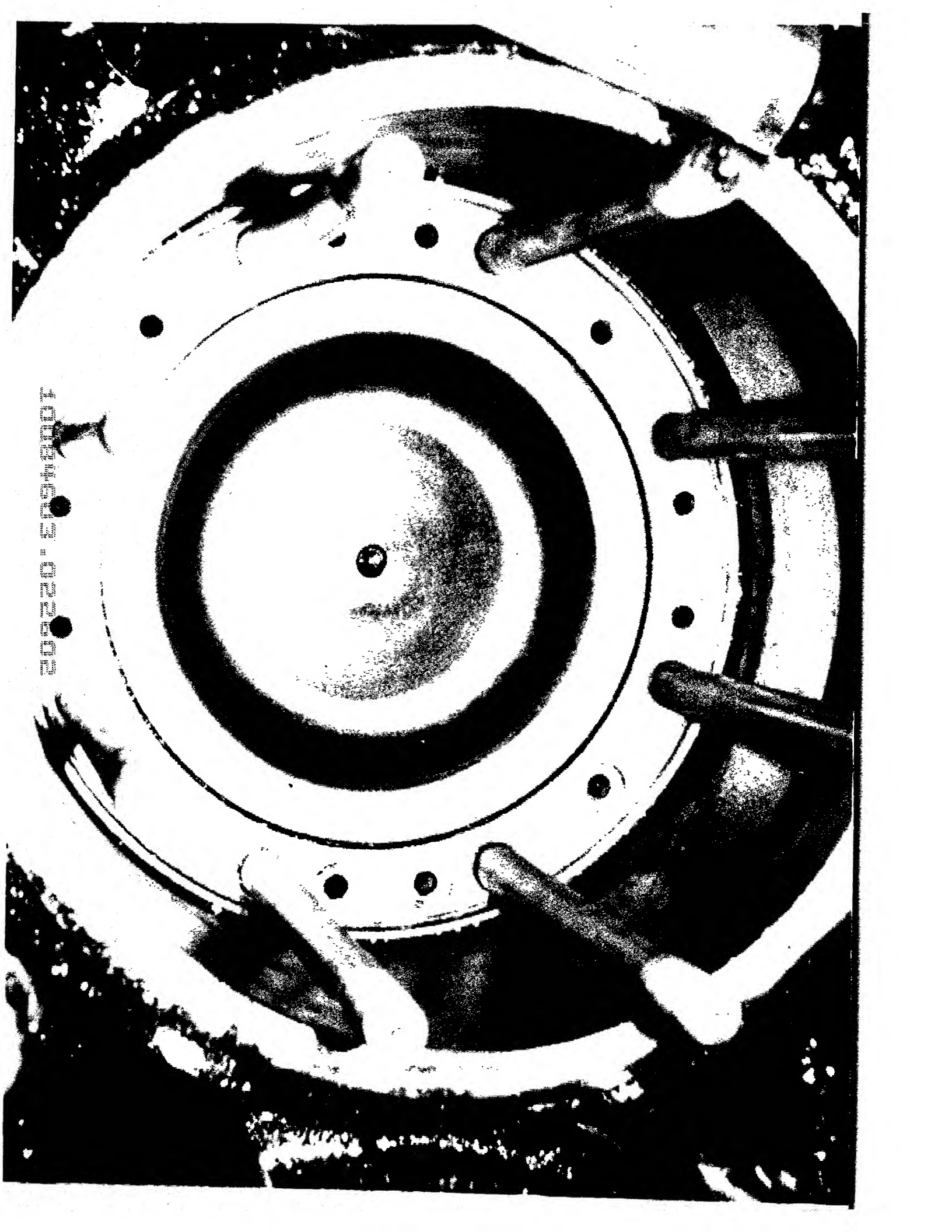
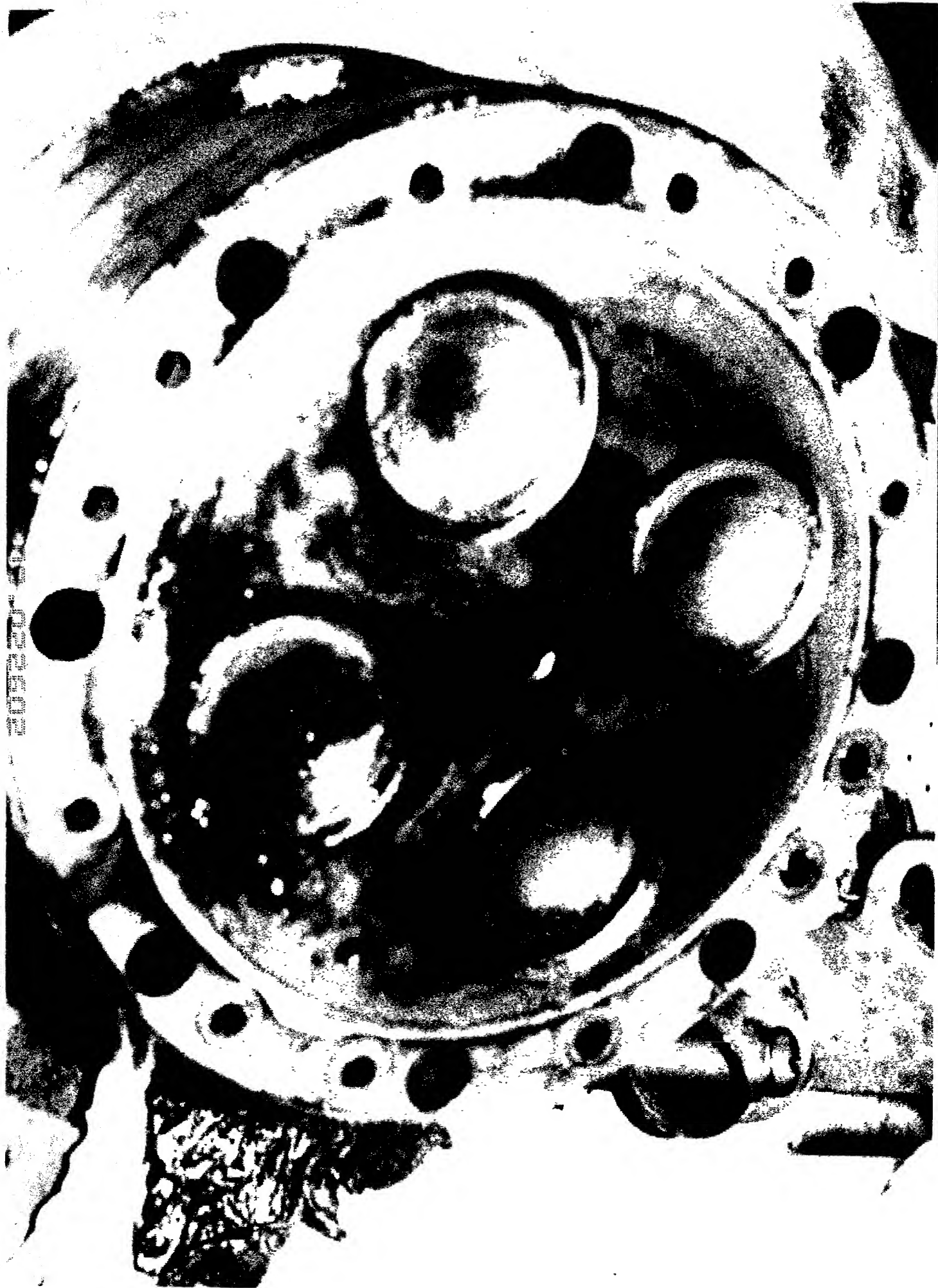


Figure 19 : Shewhart Control Plot for mpg fuel economy in the Honda Accord with the first three baselines excluded

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